

# WEST Search History

DATE: Thursday, July 18, 2002

## Set Name Query

side by side

## Hit Count Set Name

result set

*DB=USPT; PLUR=YES; OP=ADJ*

L12	L11 and glycerin	1	L12
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L11	L1 same extract	5	L11
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L10	L1 and extract	59	L10
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*DB=EPAB,DWPI; PLUR=YES; OP=ADJ*

L9	L1 and extract	0	L9
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L8	(oatstraw or (oat adj straw) or (oat near5 straw)) and glycerin	0	L8
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L7	L1 and glycerin	0	L7
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L6	oatstraw or (oat adj straw) or (oat near5 straw)	44	L6
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*DB=JPAB; PLUR=YES; OP=ADJ*

L5	oatstraw or (oat adj straw) or (oat near5 straw)	2	L5
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*DB=PGPB; PLUR=YES; OP=ADJ*

L4	L1 and glycerin	0	L4
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L3	oatstraw or (oat adj straw) or (oat near5 straw)	12	L3
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*DB=USPT; PLUR=YES; OP=ADJ*

L2	L1 and glycerin	6	L2
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L1	oatstraw or (oat adj straw) or (oat near5 straw)	186	L1
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END OF SEARCH HISTORY

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NEWS	3	Jan 29	FSTA has been reloaded and moves to weekly updates
NEWS	4	Feb 01	DKILIT now produced by FIZ Karlsruhe and has a new update frequency
NEWS	5	Feb 19	Access via Tymnet and SprintNet Eliminated Effective 3/31/02
NEWS	6	Mar 08	Gene Names now available in BIOSIS
NEWS	7	Mar 22	TOXLIT no longer available
NEWS	8	Mar 22	TRCTHERMO no longer available
NEWS	9	Mar 28	US Provisional Priorities searched with P in CA/Caplus and USPATFULL
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NEWS	16	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS	17	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS	18	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS	19	Jun 03	New e-mail delivery for search results now available
NEWS	20	Jun 10	MEDLINE Reload
NEWS	21	Jun 10	PCTFULL has been reloaded
NEWS	22	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS EXPRESS			February 1 CURRENT WINDOWS VERSION IS V6.0d, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
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FILE 'HOME' ENTERED AT 14:29:44 ON 18 JUL 2002

=> file kosmet  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'KOSMET' ENTERED AT 14:30:00 ON 18 JUL 2002

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FILE LAST UPDATED: 09 JUL 2002 <20020709/UP>  
FILE COVERS 1968 TO DATE.

=> s oatstraw

0 OATSTRAW  
L1 0 OATSTRAW

=> s oat

23 OAT  
8 OATS  
L2 23 OAT  
(OAT OR OATS)

=> s straw

L3 1 STRAW

=> s L2 and L3

L4 0 L2 AND L3

=> d L3 kwic

L3 ANSWER 1 OF 1 KOSMET COPYRIGHT 2002 IFSCC  
TI IMPROVEMENT OF XYLITOL PRODUCTION BY CANDIDA GUILLIERMONDII FTI 20037  
PREVIOUSLY ADAPTED TO RICE **STRAW** HEMICELLULOSIC HYDROLYSATE  
AB Aims: To evaluate a simple and economical technique to improve xylitol  
production using concentrated xylose solutions prepared from rice  
**straw** hemicellulosic hydrolysate. Methods and Results:  
Experiments were carried out with rice **straw** hemicellulosic  
hydrolysate containing 90 g l<sup>-1</sup> xylose, with and without the addition of  
nutrients, using the yeast Candida guilliermondii previously.

=> file caplus  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.85	1.06

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 14:30:44 ON 18 JUL 2002

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This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> s oatstraw  
L5 2 OATSTRAW

=> d L5 1-2 ibib,kwic

L5 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2000:116867 CAPLUS  
DOCUMENT NUMBER: 132:156554  
TITLE: Topical lotion containing **oatstraw**  
INVENTOR(S): Mignault, Lorraine  
PATENT ASSIGNEE(S): Can.  
SOURCE: PCT Int. Appl., 22 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE			
WO 2000007556	A1	20000217	WO 1999-CA735	19990804			
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM						
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG						
AU 9952730	A1	20000228	AU 1999-52730	19990804			
EP 1117375	A1	20010725	EP 1999-938083	19990804			
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO						
PRIORITY APPLN. INFO.:			US 1998-95440P P 19980805				
			WO 1999-CA735 W 19990804				
REFERENCE COUNT:	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT					
TI	Topical lotion containing <b>oatstraw</b>						
AB	A topical lotion for relief from pain, swelling and itch composed of natural ingredients is herein described. The lotion is composed of a mixt. of an <b>oatstraw</b> conc. and glycerin. The lotion is used to treat a variety of skin conditions as well as injuries such as herniated disks, muscle, tendon and ligament pulls and tears. Furthermore, topical application of the lotion to the scalp has been shown to stop hair loss in some instances and in fact promote hair growth. The lotion can also be applied to the soles of the feet as a way of inducing a deeper and more restful sleep in an individual.						
ST	topical lotion <b>oatstraw</b> glycerol						
IT	Essential oils						
	RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)						

(lavender; topical lotion contg. **oatstraw**)  
 IT Cosmetics  
 Drug delivery systems  
 (lotions; topical lotion contg. **oatstraw**)  
 IT Straw  
 Straw  
 (oat; topical lotion contg. **oatstraw**)  
 IT Oat  
 Oat  
 (straw; topical lotion contg. **oatstraw**)  
 IT Analgesics  
 Anti-inflammatory agents  
 (topical lotion contg. **oatstraw**)  
 IT 56-81-5, Glycerol, biological studies 7732-18-5, Water, biological  
 studies  
 RL: BUU (Biological use, unclassified); MOA (Modifier or additive use);  
 BIOL (Biological study); USES (Uses)  
 (topical lotion contg. **oatstraw**)

L5 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1949:44998 CAPLUS

DOCUMENT NUMBER: 43:44998

ORIGINAL REFERENCE NO.: 43:8102a-b

TITLE: Determination of quercetin-like substance in several  
 mid-western plants

AUTHOR(S): Beal, Jack

SOURCE: Trans. Kansas Acad. Sci. (1949), 52, 209-18

DOCUMENT TYPE: Journal

LANGUAGE: Unavailable

AB Exts. of Helianthus annuus, Helianthus tuberosus, rumex, goldenrod,  
 hedgewood, hedge-apple, hedge-root, pie-pumpkin, wheat straw,  
**oatstraw**, and flowers of tuberosus were examd. by the method of  
 Wilson, et al. (C.A. 36, 4143.3), for quercetin-like substances with the  
 hope of finding new sources of rutin. Goldenrod contained 9.9 mg./g. of  
 dried flowering tops and 6.05 mg./g. of dried whole plant of a substance  
 resembling rutin. H. tuberosus showed a trace. The others were neg.

=> file medline

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	7.68	8.74

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-1.24	-1.24

FILE 'MEDLINE' ENTERED AT 14:32:36 ON 18 JUL 2002

FILE LAST UPDATED: 17 JUL 2002 (20020717/UP). FILE COVERS 1958 TO DATE.

On June 9, 2002, MEDLINE was reloaded. See HELP RLOAD for details.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the  
 MeSH 2002 vocabulary. Enter HELP THESAURUS for details.

THIS FILE CONTAINS CAS REGISTRY NUMBERS FOR EASY AND ACCURATE  
 SUBSTANCE IDENTIFICATION.

=> s oatstraw

L6 1 OATSTRAW

=> d L6

L6 ANSWER 1 OF 1 MEDLINE  
 AN 93088890 MEDLINE  
 DN 93088890 PubMed ID: 1455937  
 TI Effect of niacin supplementation on the concentration of niacin in rumen and duodenal digesta and in whole blood of sheep.  
 AU Kollenkirchen U; Kuhnigk C; Breves G; Harmeyer J  
 CS Department of Physiology, School of Veterinary Medicine, Hannover, Germany.  
 SO ZENTRALBLATT FUR VETERINARMEDIZIN. REIHE A, (1992 Nov) 39 (9) 696-703.  
 Journal code: 0331323. ISSN: 0514-7158.  
 CY GERMANY: Germany, Federal Republic of  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199301  
 ED Entered STN: 19930129  
 Last Updated on STN: 20000303  
 Entered Medline: 19930107

=> s oat and straw  
     2713 OAT  
     994 OATS  
     3301 OAT  
         (OAT OR OATS)  
     1451 STRAW  
     342 STRAWS  
     1708 STRAW  
         (STRAW OR STRAWS)  
 L7 42 OAT AND STRAW

=> s oat(p)straw  
     2713 OAT  
     994 OATS  
     3301 OAT  
         (OAT OR OATS)  
     1451 STRAW  
     342 STRAWS  
     1708 STRAW  
         (STRAW OR STRAWS)  
 L8 41 OAT(P)STRAW

=> d L8 1-41 ti

L8 ANSWER 1 OF 41 MEDLINE  
 TI Effect of carbon source on compost nitrogen and carbon losses.  
  
 L8 ANSWER 2 OF 41 MEDLINE  
 TI Degradation of lignocellulose by extracellular enzymes produced by Thermomonospora fusca BD25.  
  
 L8 ANSWER 3 OF 41 MEDLINE  
 TI Characterisation and effects of a xylanase enzyme preparation extracted from Thermomyces lanuginosus cultures.  
  
 L8 ANSWER 4 OF 41 MEDLINE  
 TI The effect of forage quality and level of feeding on digestibility and gastrointestinal transit time of **oat straw** and alfalfa given to ponies and donkeys.  
  
 L8 ANSWER 5 OF 41 MEDLINE  
 TI [The species-specific feeding of rabbits in pet husbandry].

Die artgerechte Fütterung von Kaninchen in der Heimtierhaltung.

- L8 ANSWER 6 OF 41 MEDLINE  
TI Selection of *Saccharomyces cerevisiae* strains for use as a microbial feed additive.
- L8 ANSWER 7 OF 41 MEDLINE  
TI Dietary carbohydrates and fat influence radiographic bone mineral content of growing foals.
- L8 ANSWER 8 OF 41 MEDLINE  
TI Effect of strategic feed supplementation on productive and reproductive performance in yak cows.
- L8 ANSWER 9 OF 41 MEDLINE  
TI Ash content of detergent fibers in feeds, digesta, and feces and its relevance in fiber digestibility calculations.
- L8 ANSWER 10 OF 41 MEDLINE  
TI Case study of bovine dermatitis caused by **oat straw** infected with *Fusarium sporotrichioides*.
- L8 ANSWER 11 OF 41 MEDLINE  
TI Comparison of detection methods for trichothecenes produced by *Fusarium sporotrichioides* on fodder and grains at different air humidities.
- L8 ANSWER 12 OF 41 MEDLINE  
TI Arabinoxylan-degrading enzyme system of the fungus *Aspergillus awamori*: purification and properties of an alpha-L-arabinofuranosidase.
- L8 ANSWER 13 OF 41 MEDLINE  
TI Alpha-(4-O-methyl)-D-glucuronidase activity produced by the rumen anaerobic fungus *Piromonas communis*: a study of selected properties.
- L8 ANSWER 14 OF 41 MEDLINE  
TI Influence of altering ruminal degradation of soybean meal protein on in situ ruminal fiber disappearance of forages and fibrous byproducts.
- L8 ANSWER 15 OF 41 MEDLINE  
TI A survey of mineral status of soils, feeds and cattle in the Selale Ethiopian highlands. I. Macro elements.
- L8 ANSWER 16 OF 41 MEDLINE  
TI [The species composition of the micromycetes in feed and their role in animal kojic acid toxicosis].  
Vidovoi sostav mikromitsetov kromov i ikh rol' v koetoksikoze zhivotnykh.
- L8 ANSWER 17 OF 41 MEDLINE  
TI Effect of white rot basidiomycetes on chemical composition and in vitro digestibility of **oat straw** and alfalfa stems.
- L8 ANSWER 18 OF 41 MEDLINE  
TI Presence of endotoxins in different agricultural environments.
- L8 ANSWER 19 OF 41 MEDLINE  
TI The effect of differing types of cloth and of contamination by non-feed nitrogen on intestinal digestion estimates using porous synthetic-fibre bags in a cow.
- L8 ANSWER 20 OF 41 MEDLINE  
TI [The transfer of <sup>137</sup>Cs and <sup>90</sup>Sr into flour, bran and **straw** from wheat, rye, barley and **oats** in the years 1982, 1986 (reactor accident in Chernobyl) and 1987 in field studies].

Transfer von  $^{137}\text{Cs}$  und  $^{90}\text{Sr}$  in Mehl, Kleie und Stroh von Weizen, Roggen, Gerste und Hafer in den Jahren 1982, 1986 (Reaktorunfall in Tschernobyl) und 1987 in Feldversuchen.

- L8 ANSWER 21 OF 41 MEDLINE  
TI Production of xylanase by the ruminal anaerobic fungus *Neocallimastix frontalis*.
- L8 ANSWER 22 OF 41 MEDLINE  
TI Occurrence of 2-aminoethylphosphonic acid in feeds, ruminal bacteria and duodenal digesta from defaunated sheep.
- L8 ANSWER 23 OF 41 MEDLINE  
TI Low phosphorus intakes by beef suckler cows in late pregnancy and early lactation.
- L8 ANSWER 24 OF 41 MEDLINE  
TI [The digestibility of crude nutrients in horses. 2. Comparative studies on the digestive capacity of a thoroughbred horse, pony and wether]. Untersuchungen zur Verdaulichkeit der Rohnährstoffe bei Pferden. 2. Mitteilung. Vergleichende Untersuchungen zum Verdauungsvermögen von Warmblutpferd, Pony und Hammel.
- L8 ANSWER 25 OF 41 MEDLINE  
TI Fermentation of xylans by *Butyrivibrio fibrisolvens* and other ruminal bacteria.
- L8 ANSWER 26 OF 41 MEDLINE  
TI Effects of supplements on intake, rumen function and nutrient supply and growth in cattle eating alkali-treated **oat straw**.
- L8 ANSWER 27 OF 41 MEDLINE  
TI Influence of various nesting materials on nest site selection of the domestic hen.
- L8 ANSWER 28 OF 41 MEDLINE  
TI A report on the consumption, composition and nutritional adequacy of a mixture of lush green perennial ryegrass (*Lolium perenne*) and cocksfoot (*Dactylis glomerata*) fed ad libitum to Thoroughbred mares.
- L8 ANSWER 29 OF 41 MEDLINE  
TI Incorporation of  $^{15}\text{N}$ -urea into individual amino acids of rumen bacteria and blood plasma protein in sheep.
- L8 ANSWER 30 OF 41 MEDLINE  
TI Calcium excretion in feces of ungulates.
- L8 ANSWER 31 OF 41 MEDLINE  
TI Nitrogen metabolism in sheep fed protein sources of various solubilities with low quality roughages.
- L8 ANSWER 32 OF 41 MEDLINE  
TI [Experimental peroxide atherosclerosis in rabbits]. Eksperimental'nyi perekisnyi ateroskleroze u krolikov.
- L8 ANSWER 33 OF 41 MEDLINE  
TI [Testing the screening method for assaying ochratoxin in grains]. Overeni screeningove metody na zjistovani ochratoxinu v zrninach.
- L8 ANSWER 34 OF 41 MEDLINE  
TI Voluntary intake of **oat straw** by beef cattle as influenced by urea supplementation, given individually in a concentrate or by group-feeding in a feedblock.



L8 ANSWER 35 OF 41 MEDLINE  
 TI [Digestibility and utilization of rations containing differently treated straw. I. Digestibility by sheep of rations containing differently treated straw].  
 Untersuchungen zur Verdaulichkeit und Verwertung von Rationen mit Stroh unterschiedlicher Behandlung. 1. Mitteilung. Untersuchungen zur Verdaulichkeit von Rationen mit unterschiedlich behandeltem Stroh beim Schaf.

L8 ANSWER 36 OF 41 MEDLINE  
 TI Fiber, intestinal sterols, and colon cancer.

L8 ANSWER 37 OF 41 MEDLINE  
 TI A concentrated solution containing urea, phosphorus, calcium and sodium for supplementation of **oat straw**-based diets given to beef cows.

L8 ANSWER 38 OF 41 MEDLINE  
 TI [On the determination of chlorocholine chloride (CCC) in cereals (author's transl)].  
 Uber die Bestimmung von Chlorcholinchlorid (CCC) in Getreide.

L8 ANSWER 39 OF 41 MEDLINE  
 TI Effects of feeding alkali-treated **oat straw** supplemented with soybean meal or nonprotein nitrogen on growth of lambs and on certain blood and rumen liquor parameters.

L8 ANSWER 40 OF 41 MEDLINE  
 TI Factors affecting the voluntary intake of food by cows. 4. The behaviour and reticular motility of cows receiving diets of hay, **oat straw** and **oat straw** with urea.

L8 ANSWER 41 OF 41 MEDLINE  
 TI Factors affecting the voluntary intake of food by cows. 3. The effect of urea on the voluntary intake of **oat straw**.

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.19	11.93
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.24

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FILE COVERS 1907 - 18 Jul 2002 VOL 137 ISS 3  
FILE LAST UPDATED: 17 Jul 2002 (20020717/ED)

This file contains CAS Registry Numbers for easy and accurate  
substance identification.

CAS roles have been modified effective December 16, 2001. Please  
check your SDI profiles to see if they need to be revised. For  
information on CAS roles, enter HELP ROLES at an arrow prompt or use  
the CAS Roles thesaurus (/RL field) in this file.

```
=> s oat(p)straw
    16018 OAT
    11692 OATS
    23255 OAT
        (OAT OR OATS)
    21714 STRAW
    1043 STRAWS
    22116 STRAW
        (STRAW OR STRAWS)
L9      1325 OAT(P) STRAW

=> s L9 and extract
    22730 EXTRACT
    29294 EXTRACTS
    50980 EXTRACT
        (EXTRACT OR EXTRACTS)
    257081 EXT
    191798 EXTS
    404425 EXT
        (EXT OR EXTS)
    418286 EXTRACT
        (EXTRACT OR EXT)
L10     86 L9 AND EXTRACT

=> s L9(p)extract
    22730 EXTRACT
    29294 EXTRACTS
    50980 EXTRACT
        (EXTRACT OR EXTRACTS)
    257081 EXT
    191798 EXTS
    404425 EXT
        (EXT OR EXTS)
    418286 EXTRACT
        (EXTRACT OR EXT)
L11     84 L9(P) EXTRACT

=> s L11 and glycerin
    22289 GLYCERIN
    59 GLYCERINS
    22314 GLYCERIN
        (GLYCERIN OR GLYCERINS)
L12     0 L11 AND GLYCERIN

=> s L11 and glycerol
    114023 GLYCEROL
    1167 GLYCEROLS
    114457 GLYCEROL
        (GLYCEROL OR GLYCEROLS)
L13     1 L11 AND GLYCEROL

=> d L13 ti
```

L13 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS  
TI Composition for smoking food

=> s L11(p)water  
1928771 WATER  
211499 WATERS  
1979226 WATER  
(WATER OR WATERS)

L14 16 L11(P)WATER

=> s L11(p)aqueous  
146923 AQUEOUS  
1 AQUEOUSES  
146924 AQUEOUS  
(AQUEOUS OR AQUEOUSES)  
922456 AQ  
117 AQS  
922527 AQ  
(AQ OR AQS)  
958370 AQUEOUS  
(AQUEOUS OR AQ)

L15 15 L11(P)AQUEOUS

=> s L14 or L15  
L16 27 L14 OR L15

=> duprem  
DUPREM IS NOT A RECOGNIZED COMMAND  
The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (=>).

=> d L16 1-27 ti

L16 ANSWER 1 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI Alleviating soil acidity through plant organic compounds

L16 ANSWER 2 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI Enzymatic activity of three strains of *Aspergillus niger* grown on some  
agricultural wastes: xylanase production and properties

L16 ANSWER 3 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI Preliminary investigation on the production and partial characterization  
of xylanase from three *A. niger* strains

L16 ANSWER 4 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI Genesis of carboxyl groups by lignin humification

L16 ANSWER 5 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI Concurrent yield of mycelium and xylanolytic enzymes from extracts of  
steamed birchwood, oat husks and wheat straw

L16 ANSWER 6 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI Quantitative determination by GLC of phenolic acids as ethyl derivatives  
in cereal straws

L16 ANSWER 7 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI Nutritive value of sedge and Kentucky bluegrass hays grown in Alberta

L16 ANSWER 8 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI Presence and persistence of phytotoxic substances of wheat, oat, corn, and

sorghum residues

- L16 ANSWER 9 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI Cation-exchange capacity of plant lignins and soil humic colloids as affected by pH and hydrolysis error
- L16 ANSWER 10 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI The effect of salts on the extraction of silica from plants
- L16 ANSWER 11 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI Constitution of an oat-straw xylan
- L16 ANSWER 12 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI Effect of feeding iodinated casein on growth and food utilization by calves
- L16 ANSWER 13 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI Crystalline xylans from straws
- L16 ANSWER 14 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI The effect on seed germination of cold water extracts from leaf straw of Gramineae
- L16 ANSWER 15 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI The mechanism of decomposition and humus formation of forest-litter and A0-humus types and comparative and model materials
- L16 ANSWER 16 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI Studies on the conditions essential for life of the fungus *Monilia fimicola* Cast. et Matt. and its relations to mushrooms
- L16 ANSWER 17 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI Changes in the lignin of some plant materials as a result of decomposition
- L16 ANSWER 18 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI The concentration of latex by creaming
- L16 ANSWER 19 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI The decomposition of straw in the production of artificial manure
- L16 ANSWER 20 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI Action of copper sulfate on peaty soil
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T1 The Change in a Light Sandy Soil by Sterilization

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L1 0 S OATSTRAW  
L2 23 S OAT  
L3 1 S STRAW  
L4 0 S L2 AND L3

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L5 2 S OATSTRAW

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L6 1 S OATSTRAW  
L7 42 S OAT AND STRAW  
L8 41 S OAT(P)STRAW

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L9 1325 S OAT(P)STRAW  
L10 86 S L9 AND EXTRACT  
L11 84 S L9(P)EXTRACT  
L12 0 S L11 AND GLYCERIN  
L13 1 S L11 AND GLYCEROL  
L14 16 S L11(P)WATER  
L15 15 S L11(P)AQUEOUS  
L16 27 S L14 OR L15

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